

Long term mechanical tests (Creep, Flex Life)




Principle

Application of a constant load to the sample with the measurement of the strain during time (creep) or of a cyclic flexural strain with the measurement of cycles to break (flex life)

Capabilities

- Creep on fluoropolymers
- Flex Life fatigue tests

Assets

	Asset	Details
	Creep equipment	Creep tests from 23 to 250 °C.
	Tinius Olsen MIT Folding Endurance Tester	Flex Life fatigue tester for specimens having 0.25 - 0.50 mm thickness.
	Zwick Kappa multistation	Long term mechanical testing (creep, relaxation) in tension or compression. 4 specimens can be tested at the same time. Temperature from - 40° C up to 250° C Load up to 10 kN for each specimen.

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